CITY OF COLUMBUS - TESTING SUMMARY FLEXIBLE SEWER PIPE

PRODUCT:		OLID WALL (PVC) SDR-35 ANITARY / STORM SEWER													
THOUSE CONCE															
CONSIGNMENT	2 - 10	May	/ 1 thr	ough .	Augus	st 31, 2	2010								
PERIOD:	1 - 10	Jan	uary 1	throug	gh Apr	il 30, 2	010								
	3 - 09	Sep	tembe	r 1 thr	ough [Decem	ber 31	, 2009)						
							PIPE	DIAM	ETER						
MANUFACTURER		6"			8"			10"			12"			15"	
CONSIGNMENT	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09
Diamond	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
JM Eagle /															
PW Eagle	Α	Α	Α	Α	Α	Α	NA	Α	Α	NA	Α	Α	Α	+	Α
				_											
National	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
North American	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	А

LEGEND:

- (A) APPROVED
- (NA) NOT APPROVED
- (+) Samples not submitted for testing; not approved for use
- () If the space is blank the Manufacturer does not produce this size
- (/) Pipe arrived Damaged, Not tested
- (#) Non conforming date codes, not approved for use

<u>Pipe can only be used for a period of one (1) year from date of production, unless a</u> letter of extension from manufacturer is on file in the City Laboratory per section 720.01

The following have a letter on file:

ADS, Baughman Tile / Poly-Drain, Diamond, Freedom, Hancor,
Haviland / DPI, JM Eagle, National, North American & PW Eagle.

NOTE: Next sampling period 3 - 10 will be the weeks of July 6th & 12th, 2010

REVISED 5/2010

CITY OF COLUMBUS - TESTING SUMMARY FLEXIBLE SEWER PIPE

PRODUCT :	PROI	FILE-0	CORR	UGAT	ED W	/ALL									
PRODUCT USAGE:	SANI	TARY	/STO	ORM S	EWE	R (st	m) ST	ORM	ONLY	,					
CONSIGNMENT	2 - 10	, ,													
PERIOD:	1 - 10		•	1 throu	•										
	3 - 09	- 09 September 1 through December 31, 2009													
	<u> </u>	PIPE DIAMETER													
MANUFACTURER		8"			10"			12"			15"			18"	
CONSIGNMENT	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09
Contech															
A-2000	Α	Α	NA	Α	Α	Α	Α	Α	Α	Α	NA	Α	Α	Α	Α
						١.									
ADS (stm)	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Ultra-Rib,						١.		١.							
PW Eagle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
MANUFACTURER	MANUFACTURER 21" 24" 27" 30" 36"														
	0.40		2 00									2-10 1-10 3-09			
CONSIGNMENT	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09
Contech															
A-2000	Α	Α	Α	Α	Α	Α				Α	Α	Α	Α	Α	Α
ADS (stm)				Α	Α	А				Α	Α	Α	Α	Α	А
Ultra-Rib,															
PW Eagle	+	+	+	+	+	+	+	+	+	+	+	+	+		
					_					_			-		
MANUFACTURER		42"			48"			54"			60"				
CONSIGNMENT	2-10	1-10	3-O9	2-10	1-10	3-09	2-10	1-10	3-O9	2-10	1-10	3-09	Ī		
Contech															
A-2000															
ADS (stm)	Α	Α	Α	Α	Α	Α				Α	Α	Α			
Ultra-Rib,															
PW Eagle	+	+	+	+	+	+	+	+	+	+	+	+			

CITY OF COLUMBUS - TESTING SUMMARY FLEXIBLE SEWER PIPE - <u>PRELIMINARY APPROVAL ONLY</u> PRODUCTS STILL UNDER EVALUATION

PRODUCT: PRODUCT USAGE:	_	PROFILE-CORRUGATED WALL SANITARY / STORM (stm) STORM ONLY													
PRODUCT USAGE.	SANI	Guil) OTOKIII (Suil) OTOKIII ONET													
CONSIGNMENT	2 - 10	- 10 May 1 through August 31, 2010													
PERIOD:	1 - 10	- 10 January 1 through April 30, 2010													
	3 - 09	09 September 1 through December 31, 2009													
		PIPE DIAMETER													
MANUFACTURER		6"			8"			10"			12"			15"	
CONSIGNMENT	2-10	1-10	2-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09
ADS - Mega Green *(s	tm)			Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Haviland / DPI (stm)				Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Poly-Drain (stm)				Α	+	+	Α	+	+	Α	Α	Α	Α	Α	Α
PW Eagle Ultra Core														+	+
Ultra-Flo (stm)															
MANUFACTURER		18"		21"			24"			27"			30"		
CONSIGNMENT	2-10	1-10	3-09	2-10	2-10 1-10 3-09		2-10 1-10 3-09		2-10 1-10 3-09			2-10 1-10 3-09			
ADS - Mega Green *	Α	Α	Α				Α	Α	Α				Α	Α	Α
Haviland / DPI (stm)	Α	Α	Α				Α	Α	Α		+	+	Α	Α	Α
Poly-Drain (stm)	+	Α	Α				Α	Α	Α	+	+	+	+	Α	+
PW Eagle Ultra Core	+	+	+				+	+	+	+	+	+	+	+	+
Ultra-Flo (stm)	Α	Α	Α				Α	Α	Α	Α	Α	Α	Α	Α	Α
	Ī r .			Ī.			į.			Ī-			ĵ.		
MANUFACTURER		36"			42"			48"			54"			60"	
CONSIGNMENT	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09	2-10	1-10	3-09
ADS - Mega Green *	Α	Α	Α	Α	Α	Α	Α	Α	Α	+	+	Α	Α	+	Α
Haviland / DPI (stm)	Α	Α	Α	Α	+	Α	Α	Α	Α				Α	Α	Α
Poly-Drain (stm)	Α	+	+	Α	+	Α	Α	+	+						
PW Eagle Ultra Core	+	+	+												
Ultra-Flo (stm)	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α

MANUFACTURER		72"		78"			
CONSIGNMENT	2-10	1-10	3-09	2-10	1-10	3-09	
ADS - Mega Green *							
Haviland / DPI (stm)							
Poly-Drain (stm)							
PW Eagle Ultra Core							
Ultra-Flo (stm)	+	+	+	+	+	+	

^{*} Approved for use outside the public right-of way in the City of Columbus

REVISED 5/2010

CITY OF COLUMBUS - TESTING SUMMARY FLEXIBLE SEWER PIPE - <u>PRELIMINARY APPROVAL ONLY</u> PRODUCTS STILL UNDER EVALUATION

PRODUCT:	LARGI	LARGE DIAMETER, SOLID WALL											
PRODUCT USAGE:	SANIT	SANITARY / STORM SEWER											
CONSIGNMENT	2 - 10	2 - 10 May 1 through August 31, 2010											
PERIOD:	1 - 10	Janua	ry 1 thre	ough A	pril 30,	2010							
	3 - 09	Septe	mber 1	through	n Decer	mber 31	, 2009						
		PIPE DIAMETER											
MANUFACTURER		18"			21"			24"			27"		
CONSIGNMENT	210	110	3-09	210	110	3-09	210	110	3-09	210	110	3-09	
Diamond	+	+	+	+	+	+	+	+	+	+	+	+	
Freedom	+	+	+	+	+	+	+	+	+	+	+	+	
JM Eagle	Α	А	А	Α	А	А	Α	А	А	+	+	+	
North American	Α	А	Α	Α	+	А	Α	+	А	+	+	+	

MANUFACTURER		30"			33"		36"			
CONSIGNMENT	210	110	3-09	210 110		3-09	210	110	3-09	
Diamond	+	+	+	+	+	+	+	+	+	
Freedom	+	+	+	+	+	+	+	+	+	
JM Eagle	+	+	+	+	+	+	+	+	+	
North American	+	+	+	+	+	+	+	+	+	

Flexible Pipe Code Explanation

ADS:	G 09166
	09 is the year, 16 is the week of the year, and 6 is the day of the week
	The date is on a metal tape inside the pipe.
Baughman /	Poly Drain 070900
Poly-Drain	Standard date, 07 is the month, 9 is the day, 00 is the year
Contech:	4M 91243 A
	91 is the year, 24 is the week, 3 is the day
Diamond:	M3W07900 DPC
	Standard date, 07 is the month, 9 is the day, 00 is the year
Freedom:	1120 80 STMD-1785 NSF pw 400 PSI @ 73 F FG 3B 112199 PM J
	Standard date, 11 is the month, 21 the day, 99 the year
Hancor:	012400 3 1
	Standard date, 01 is the month, 24 the day, 00 the year
Haviland /	DPI 12" (300 MM) Heavy Duty ASTM F667 AASHTO M294 September 16, 2008
DPI	
JM Eagle	2008 JAN 18 19 1
	18 is the day
Jet Stream:	423 JS 990608
	Standard date, 99 is the year, 06 the month, 08 the day
National:	B 182.2 10:45 NQ 3624130 NY 06/12/00
	Standard date, 06 is the month, 12 is the day, 00 is the year
North	1 Apr 00 NORTH AMERICAN 33M 3K K3M3
	Standard date, 1 is the day, Apr is the month, 00 is the year
Ultra-Corr:	ASTM D 3034 12454B 1 MO 0 127 A L
	Julian date, the 0 127 is the date
	0 is the year 2000, 127 is the 127 th day of the year, = May 6, 2000
Ultra Flo:	132 13 130400
	Standard date, 13 is the day, 04 is the month, 00 is the year
Ultra Rib,	3034 12454B 1 MO 0 127 A L
PW Eagle	Julian date, the 0 127 is the date
	0 is the year 2000, 127 is the 127 th day of the year, = May 6, 2000
Ultra Rib	3B 112199 PM J
IPEX:	Standard date, 11 is the month, 21 is the day, 99 is the year
PW Eagle	3034 12454B 1 MO 0 127 A L
	Julian date, the 0 127 is the date
	0 is the year 2000, 127 is the 127 th day of the year, = May 6, 2000